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↑ ABSTRACT

There are many situations where more than one principal needs to give authorisation so that a single function can take place. Self-Authenticating Proxies provide a mechanism which may be suitably employed to support the requirements of joint authorisation.

↑ REFERENCES

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- 1 [1] Christianson B., Low M.R. Key-spoofing attacks on nested signature blocks. IEE Electronics Letters, 31 (13): 1043-1044, June 1995.
- 2 [2] Diffie W., Hellman M.E. New Directions in Cryptography. IEEE Transactions on Information Theory, 22(6): 644-654, November 1976.
- 3 [3] Gasser M., McDermott E. An Architecture for Practical Delegation in a Distributed System. In: Proceedings of the IEEE Symposium on Security and Privacy, pages 20-30, Oakland, CA, USA. 7-9 May 1990. IEEE Computer Society Press.
- 4 [4] Low M.R., Christianson B. A Technique for authentication, access control and resource management in open distributed systems IEE Electronics Letters 30(2): 124-125 January 1994.
- 5 [5] Low M.R., Christianson B. Self Authenticating Proxies Computer Journal 37(5): 422-428

October 1994.

6 [6] Low M.R. Self Defence in Open Systems: Protecting and Sharing Resources in a Distributed Open Environment Hatfield: University of Hertfordshire, Computer Science Division. Thesis (PhD), September, 1994.



7 R. L. Rivest , A. Shamir , L. Adleman, A method for obtaining digital signatures and publickey cryptosystems, Communications of the ACM, v.21 n.2, p.120-126, Feb. 1978 [doi>10.1145/359340.359342]



- 8 Vijay Varadharajan , Phillip Allen, Joint actions based authorization schemes, ACM SIGOPS Operating Systems Review, v.30 n.3, p.32-45, July 1996 [doi>10.1145/230908.230915]
- 9 [9] Varadharajan V., Allen P., Black S. An Analysis of the Proxy Problem in Distributed Systems Proceedings of the 1991 Symposium on Security and Privacy, Oakland, CA, USA IEEE Computer Society Press pp. 255-275, 20-22 May 1991.

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D. Software

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I. Computing Methodologies

S 1.2 ARTIFICIAL INTELLIGENCE

I.2.11 Distributed Artificial Intelligence

Subjects: Coherence and coordination

General Terms:

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